ROCKY FLATS PLANT EMD OPERATING PROCEDURES MANUAL

Manual No.: Procedure No.:

5-21000-OPS-GT Table of Contents, Rev 9

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12/03/91

Organization:

**Environmental Management** 

## THIS IS PHE HOLUME OF A SIX VOLUME SET WHICH INCLUDES:

EDVOLUME IS FIELD OPERATIONS (FO) ENVIRONMENTAL MANACOLUME IV: SURFACE WATER (SW)

This is a RED STANDE V: ECOLOGY (EE)

## TABLE OF CONTENTS FOR VOLUME III: GEOTECHNICAL

New Proc. No.	Old Proc. <u>No.</u>	<u>Title</u>	Rev. No.	Effective <u>Date</u>
GT.01	3.1	Logging Alluvial and Bedrock Material	· <b>1</b>	8/30/91
DCN 91.01		Recording lithologic descriptions and securing core boxes	1	11/15/91
DCN 91.02		Clarification of log approval for multi-use wells	1	12/03/91
GT.02	3.2	Drilling and Sampling Using Hollow Stem Auger Techniques	1	8/30/91
DCN 91.01		Unconsolidated core samples need not be peeled before sampling	1	10/29/91
DCN 91.02		Correction of well location for low Alluvial thickness	1	11/6/91
DCN 91.03		Ten foot long core barrels	<b>1</b>	11/15/91
GT.03	3.3	Isolating Bedrock From the Alluvium with Grouted Surface Casing	1	8/30/91
DCN 91.01		Change in criteria for cement grouting	1	10/02/91
DCN 91.02		Grout procedure clarification	1	10/28/91

REVIEWED FOR CLASSIFICATION/UCAL

Date \_\_\_\_ A-SW-001102

ADMIN RECORD

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GT.04	3.4	Rotary Drilling and Rock Coring	1	8/30/91
DCN 91.01		Core barrel decontamination	1	10/22/91
DCN 91.02		Clarification of measuring tape decontamination requirements	1 .	10/29/91
DCN 91.03	÷ .	Clarification of the use of super gel-x	1	12/03/91
GT.05	3.5	Plugging and Abandonment of Boreholes	1	8/30/91
DCN 91.01		Surface casing classification	1	10/22/91
GT.06	3.6	Monitoring Wells and Piezometer Installation	1	8/30/91
DCN 91.01		Industry Standard is 1 foot into Bedrock	1 .	10/15/91
DCN 91.02		For the Sitewide Program, Claystone Smearing does not seem to be a problem	1	10/15/91
DCN 91.03		Superseded by DCN 91.06	1	11/08/91
DCN 91.04		Low Alluvial thickness wells	1	11/06/91
DCN 91.05		Superseded by DCN 91.08	1	11/06/91
DCN 91.06	<u>-</u>	Change in filter pack guidance	1	11/08/91
DCN 91.07	. *	Decontamination for site-wide geological characterization	1	11/15/91
DCN 91.08		Figure replacement (GT.6-1)	1	11/15/91
DCN 91.09		Sampling with center bit drilling	1	12/03/91
GT.07	3.7	Logging and Sampling of Test Pits and Trenches	1	8/30/91



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GT.08	3.8	Surface Soil Sampling	1	8/30/91	
DCN 91.01	-	Clarification supplementation of GT.08 - Surface Soil Sampling	1 × 1	11/26/91	
GT.09	3.9	Soil Gas Sampling and Field Analysis	1 ·	8/30/91	
GT.10	3.10	Borehole Clearing	1	8/30/91	
GT.11	3.11	Plugging and Abandonment of Wells	1	8/30/91	
GT.15	3.15	Geophysical Borehole Logging	1	8/30/91	
DCN 91.01		No Hole will be left Unlogged at the end of the day	1	10/15/91	
GT.17	3.17	Land Surveying	1	8/30/91	
GT.18	3.18	Surface Geophysical Surveys	1	8/30/91	
GT.19	3.19	Field Gas Chromatographs	·· <b>1</b>	8/30/91	
GT.20	3.20	Procedures for Soil Interstitial Water Sampling and Sampler Installation	1	8/30/91	



## ENVIRONMENTAL MANAGEMENT DOCUMENT CHANGE NOTICE (DCN)

Procedure Number 5-21000-OPS-GT.4, Rev. 1

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Title Rotary [	Orilling a	nd F <b>6014</b> 11		s is a D DOC!	JMENT	Date 10-25-91	DCN Num 5-21000-C	ber OPS-GT-09
Expires Scope Lin	3-2- 9	2 ENVIRON Sitewide Geo	ig&G — Ropo Mental Man Iogic	NOCOTANO PRO NAGENIENI I	viŝion Required CEPARIMENT	X Yes No		
	-			RED Stan				
item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)					
	7 of 10	5.3.1.1 paragraph 1	Super Gel-X	(powdered b	entonite) may be	g becomes a problem added to the RIPP personal results of the resu	octable water	er to slightly
lightly inc aving. If t	reasing the weigh	the weight of int cannot be in	the drilling flui ncreased, ofte on Req	d is often sui	ficient to save the sie is lost.  Concurrence		g down or s	topping Date
12	WA	QAPM	X	12/3/9/	Q1 Prime	User	×	11/25/91
h C. Brown	shart	EOM	×	12/2/91				
pproval o	131	sit <b>ile</b> Manage	or Date	7/91	Is Posting Req	d? If Yes, By What	Date?	Date Posted